



DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9269	REV. A SHEET 1 OF 3
DATE 03.11.14		TITLE FLOOR PROVISION MODIFICATION KIT	SCALE NTS
A	03.11.14	NEW ISSUE	

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-689 REV. A
AND FLIGHT MANUAL SUPPLEMENT FMS-D350-689 REV. A
REF. CANADIAN STC: SH02-33
REF. FAA STC: SR01620NY

The purpose of the DSI 9269-011 Floor Provision Modification Kit is to modify the D350-689-013 Floor Provision Kit to allow the dual high back seat to be installed 3" further aft.

INSTALLATION

To install the DSI 9269-011 Floor Provision Modification Kit:

- 1) Remove existing D3033-1 and D3033-3 Seat Tracks.
- 2) Install D3234-5 Spacers as shown in Figure 2 using MS20426AD4 rivets.
- 3) Locate D3033-1/-3 Seat Tracks 3" further aft as shown in Figure 2. Transfer new screw locations to floor and install MS21059L3 nut plate at these locations using MS20426AD3 rivets. Install D3033-1/-3 Seat Tracks with hardware shown in Figure 2. Fill unused holes with hardware.
- 4) Rivet D3234-1 Doubler to D3025-1 Beam and D3234-3 Doubler to D3026-1 Beam as shown in Figure 3 using MS20426AD4 rivets.

REVISED WEIGHT AND BALANCE

The following weight and balance information is for the Dual High Back Seat Installation modified per DSI 9269-011.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-689-011 Dual High Back Seat Installation, modified with DSI 9269-011	27.5 lb 12.5 kg	-18.2 in -0.46 m	-501 in-lb -5.8 m-kG	63.7 in 1.62 m	1752 in-lb 20.25 m-kG
D350-689-013 Floor Provisions Kit, modified with DSI 9269-011	2.5 lb 1.1 kg	-18.2 in -0.46 m	-40 in-lb -0.5 m-kG	62.2 in 1.58 m	156 in-lb 1.7 m-kG

REVISED LOADING CHART

For Dual High Back Seat Installations moved 3" aft per the DSI 9269-011 kit, the loading chart given in FMS-D350-689 should be revised as follows:

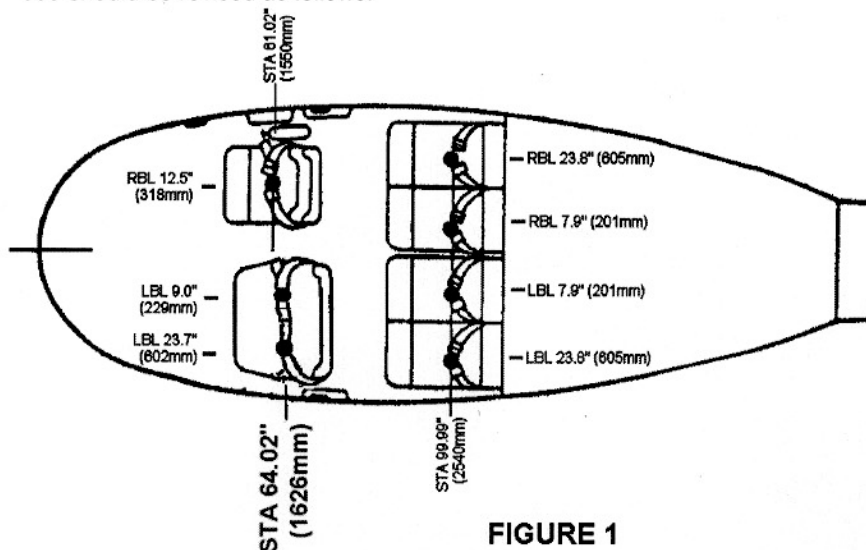


FIGURE 1

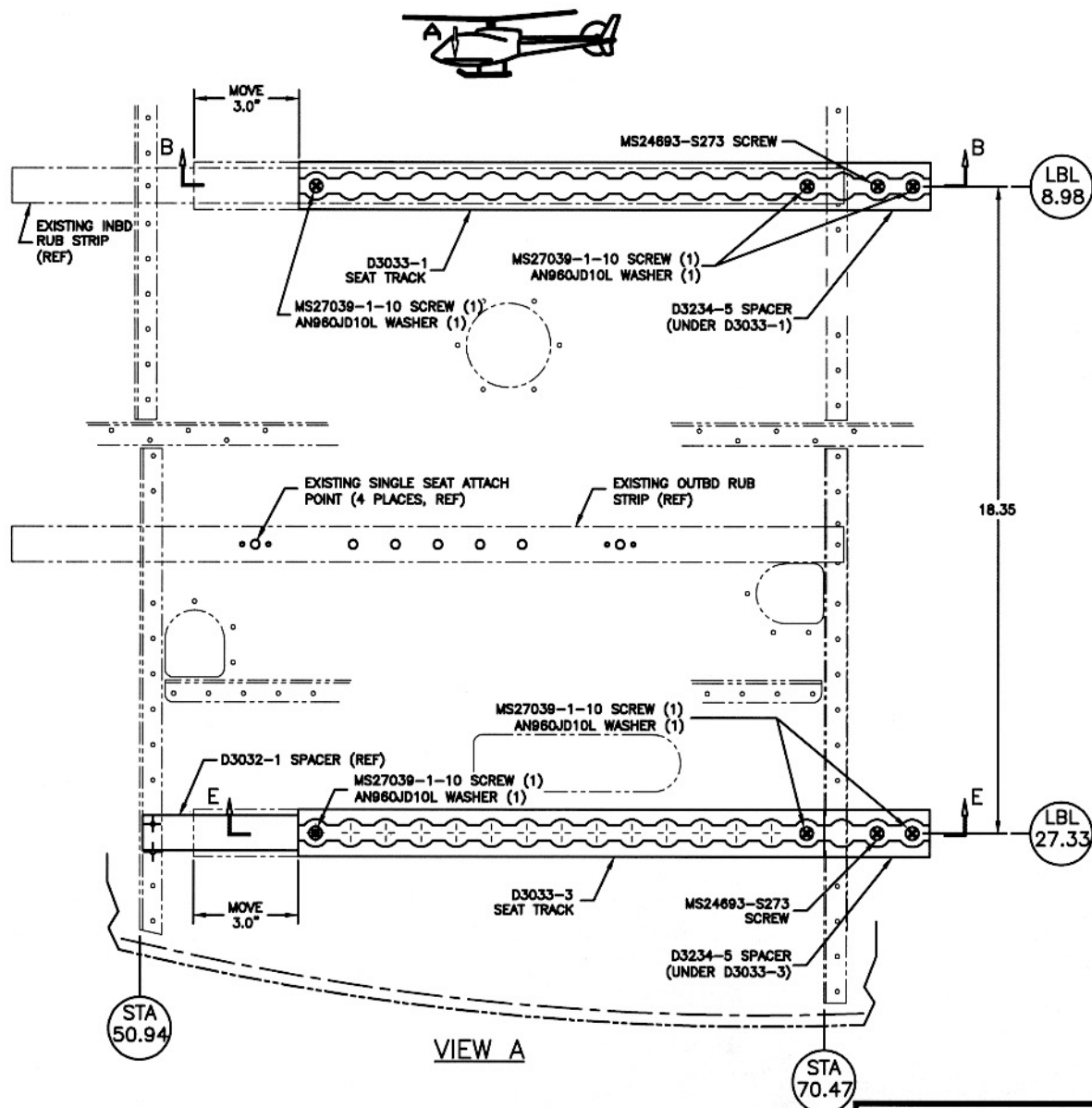
CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED <i>[Signature]</i>	
BY:	D. SHEPHERD (DE # 02)
DATE:	03.11.14
CERT. NO.:	SH02-33
ISSUE NO.:	1

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CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9269	REV. A SHEET 2 OF 3
DATE 03.11.14	TITLE FLOOR PROVISION MODIFICATION KIT		SCALE NTS

**FIGURE 2****PARTS LIST**

QTY	Part Number	Description
X	DSI 9269-011	Floor Provision Modification Kit
1	D3234-1	Doubler
1	D3234-3	Doubler
2	D3234-5	Spacer
6	MS21059L3	Nut Plate

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

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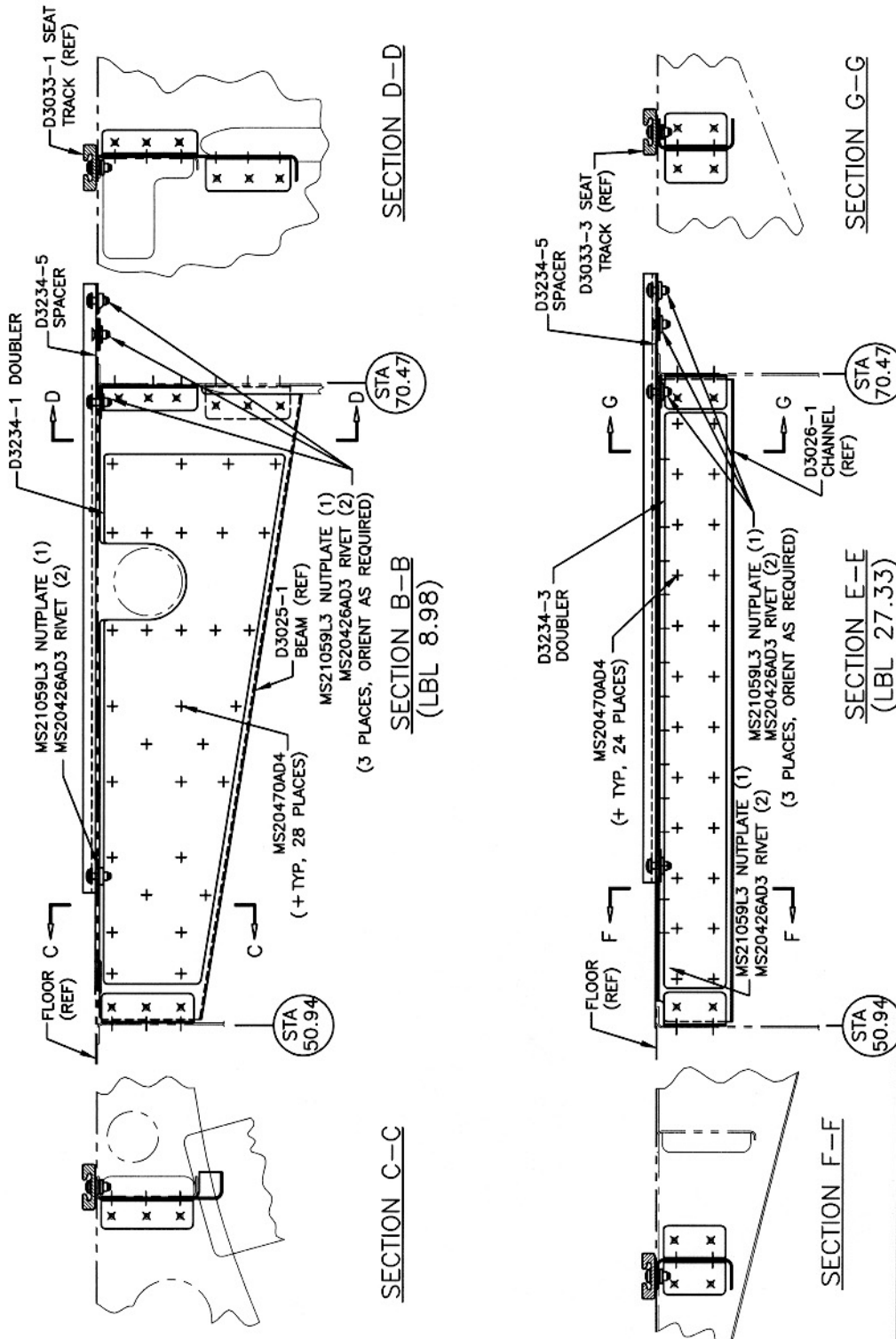


FIGURE 3

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

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